

**Resuelve las siguientes ecuaciones racionales:**

i. 
$$\frac{2(2x+1)}{2x-1} - \frac{3(2x-1)}{2x+1} + 5 = 0$$

ii. 
$$\frac{2}{x^2-1} - 9\left(1 - \frac{1}{x+1}\right) = 0$$

iii. 
$$\frac{x+4}{3} - \frac{7-x}{x-3} = \frac{4x+7}{4} - 1$$

iv. 
$$\frac{x^2}{x+1} = \frac{x^3}{x^2-1} - \frac{1}{x-1} - \frac{1}{x^2-1}$$

v. 
$$\frac{2}{x^2-4} - \frac{3-x}{x+2} - \frac{1}{2} = \frac{1}{2x-4}$$

vi. 
$$\frac{x^2+1}{x} + \frac{x}{x^2-1} = \frac{19x}{12}$$

vii. 
$$\frac{8}{x^2-5} = 2 + \frac{(x-3)(x+3)}{x^2-1}$$

viii. 
$$\frac{x^2(2x-5)}{x+1} = 9 \frac{(1-x)}{2x+5}$$